

ABSTRACT

An oil pump drive assembly for an automobile engine includes an oil pump and a drive shaft. The drive shaft is rotatably secured to the oil pump for actuating the oil pump in response to rotation of the drive shaft. The drive shaft extends between a pump end secured to the oil pump and a distal end. A sprocket is secured to the distal end of the drive shaft. A drive gear is secured to the drive shaft between the pump end and the distal end. A driven gear is engaged with the drive gear for rotation of the driven gear in response to rotation of the drive shaft. A balance shaft extends axially from the driven gear for rotation with the driven gear in response to rotation of the drive shaft for dampening vibrations associated with the operation of the automobile engine.